

Raw Sequence Listing Error Summary .

ERROR DETECTED

SUGGESTED CORRECTION

SERIAL NUMBER: 091909,567A

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

- 1 Wrapped Nucleics
 Wrapped Aminos The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."
- 2 Invalid Line Length The rules require that a line not exceed 72 characters in length. This includes white spaces.
- 3 Misaligned Amino
 Numbering The numbering under each 5th amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.
- 4 Non-ASCII The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.
- 5 Variable Length Sequence(s) contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.
- 6 PatentIn 2.0
 "bug" A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) . Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.
- 7 Skipped Sequences
 (OLD RULES) Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence:
 (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
 (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)
 (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
 This sequence is intentionally skipped

 Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.
- 8 Skipped Sequences
 (NEW RULES) Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence.
 <210> sequence id number
 <400> sequence id number
 000
- 9 ✓ Use of n's or Xaa's
 (NEW RULES) Use of n's and/or Xaa's have been detected in the Sequence Listing.
 Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present.
 In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.
- 10 Invalid <213>
 Response Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence
- 11 Use of <220> Sequence(s) missing the <220> "Feature" and associated numeric identifiers and responses.
 Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section.
 (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)
- 12 PatentIn 2.0
 "bug" Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.

OIEP

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/909,567A

DATE: 12/12/2001
TIME: 11:40:36

Input Set : A:\DEX-214.txt
Output Set: N:\CRF3\12112001\I909567A.raw

Does Not Comply
Corrected Diskette Needed

Errors on pp. 2 & 4

3 <110> APPLICANT: Macina, Roberto A
4 Nair, Manoj
5 Chen, Seiyu
7 <120> TITLE OF INVENTION: Compositions and Methods Relating to Lung Specific
8 Genes
10 <130> FILE REFERENCE: DEX-0214
C--> 12 <140> CURRENT APPLICATION NUMBER: US/09/909,567A
C--> 13 <141> CURRENT FILING DATE: 2001-07-20
15 <150> PRIOR APPLICATION NUMBER: 60/219,834
16 <151> PRIOR FILING DATE: 2000-07-21
18 <160> NUMBER OF SEQ ID NOS: 56
20 <170> SOFTWARE: PatentIn Ver. 2.1
22 <210> SEQ ID NO: 1
23 <211> LENGTH: 1449
24 <212> TYPE: DNA
25 <213> ORGANISM: Homo sapiens
27 <400> SEQUENCE: 1
28 ctgggagtggtg atttcatata ttcgtggagg tgggtgagagg atatactacg cagactctgt 60
29 gagggggccga ttcaccgtct ccaggggacaa cgccaagaac tcactctatc tgcaaatgaa 120
30 cagcctgaga gccgaggaca cggtgttita tttctgtgcg agagagccac cagcacccaa 180
31 ttactttgac tgcgtggaggc agggaaccct ggtaaccgtc tcctcagctt ccaccaaggg 240
32 cccatcggtc tcccccttg cgccctgtc caggagcacc tctgggggca cagcggccct 300
33 gggctgcctg gtcaaggact acttcccga accggtgacg gtgtcgtgga actcaggcgc 360
34 cctgaccagc ggcgtgcaca ccttcccggc tgcctacag tcctcaggac tctactccct 420
35 cagcagcgtg gtgaccgtgc cctccagcag cttgggcacc cagacctaca cctgcaactg 480
36 gaatcacaaag cccagcaaca ccaagggtgga caagagagtt gagctcaaaa ccccaacttg 540
37 tgacacaaact cacacatgcc cacggtgccc agagcccaaa tcttgtgaca cacctcccc 600
38 atgcccacgg tgcccagagc ccaaactctt tgacacacct ccccatgcc cacggtgccc 660
39 agcacctgaa ctctctgggag gaccgtcagt ctctctctt ccccaaaaac ccaaggatac 720
40 ccttatgatt tcccggaacc ctgaggtcac gtgcgtggtg gtggacgtga gccacgaaga 780
41 ccccgaggtc cagttcaagt ggtacgtgga cggcgtggag gtgcataatg ccaagacaaa 840
42 gccgcgggag gagcagttca acagcacgtt ccgtgtggtc agcgtctca ccgtcctgca 900
43 ccaggactgg ctgaacggca aggagtaca gtgcaaggtc tccaacaaag cctcccagc 960
44 ccccatcgag aaaaccatct ccaaaaccaa aggacagccc cgagaaccac aggtgtacac 1020
45 cctgccccca tcccgggagg agatgaccaa gaaccagtc agcctgacct gcctggtcaa 1080
46 aggtctctac cccagcgaca tcgcccgtgga gtgggagagc agcgggcagc cggagaacaa 1140
47 ctacaacacc acgcctccca tgcgtgactc cgacggctcc ttcttctct acagcaagct 1200
48 caccgtggac aagagcaggt ggcagcaggg gaacatcttc tcatgctccg tgatgcatga 1260
49 ggctctgcac aaccgcttca cgcagaagag cctctccctg tctccgggta aatgagtgcg 1320
50 acggccggca agccccgct ccccgggctc tcgggggtcg cgcaggatgc ttggcacgta 1380
51 ccccggtgac ataactcccc ggcacccagc atggaaataa agcaccacagc gctgcccgtg 1440
52 gcccctgcg
55 <210> SEQ ID NO: 2
56 <211> LENGTH: 3825
57 <212> TYPE: DNA
58 <213> ORGANISM: Homo sapiens
60 <220> FEATURE:

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/909,567A

DATE: 12/12/2001
TIME: 11:40:36

Input Set : A:\DEX-214.txt
Output Set: N:\CRF3\12112001\I909567A.raw

61 <221> NAME/KEY: unsure
62 <222> LOCATION: (428)
64 <220> FEATURE:
65 <221> NAME/KEY: unsure
66 <222> LOCATION: (430)
68 <220> FEATURE:
69 <221> NAME/KEY: unsure
70 <222> LOCATION: (1997)..(1998)
72 <400> SEQUENCE: 2

W--> 80 actctccnan ctacaatcac aataccagta aatataaatc atgctgctag tgggttccttc 480

81 agagaatctg tggacgctca agaggaaatc aggaagtgag agaagagagc taacttatgtt 540
82 cataaagatg gactaaattc cactgatcac atggtgcccc aactgaaag ttatgatgca 600
83 gttgaaatca tccgcaaggt tgcagtgcct cctcgctgt cagagcacac acagagatat 660
84 gaagcggcca accgaactgt tcaaatggct gaaaatttcg tgaatgaccc tgaaaatgaa 720
85 ataaacagat ggttcaggga atttgagcat ggcccagttt ctgaagcaa gtcaaataga 780
86 agagtttatg caaaggggaga aacaaaccat aacatacaac aagaaagtgc tacattttgt 840
87 aaggaggaat ttggattaac atcttttagga aacacgagtt ttacagactt ttcttgcaaa 900
88 catcctagag aactgcgaga aaagattcct gttaagcagc ccaggatctg ctctgaaacc 960
89 aggtctctaa gtgaacattt ctcaggcatg gatgcatttg agagtcaaatt tgttgagtcg 1020
90 aagatgaaaa cctcttcac acatagctca gaagctggca aatctggctg tgacttcaa 1080
91 catgccccac caacctatga ggatgtcatt gctggacata ttttagatat ctctgattca 1140
92 cctaaagaag taagaaaaaa ttttcaaaag acgtggcaag agagtggaa agtttttaaa 1200
93 ggccctgggat atgcaaccgc agatgcttct gcaactgaga tgagaaccac cttccaagag 1260
94 gaatctgcat ttataagtga agctgctgct ccaagacaag gaaatatgta tactttgtca 1320
95 aaagacagtt tatccaatgg agtgcctagt ggcagacaag cagaattttc ataagtcctg 1380
96 ctcccgatgc caccattgca acagtaaaact aagtttgga aattatgcat cacttcatgg 1440
97 acaaatatac tgtaaacctc acttttaaca acttttcaa tccaaaggaa attatgatga 1500
98 aggttttgga cataagcagc ataaagatag atggaactgc aaaaaccaa gcagatcagt 1560
99 ggaactttatt cctaataag aaccaaatat gtgtaaaaat attgcagaaa acacccttgt 1620
100 acctggagat cgtaataaac atttagatgc tggtaacagt gaagggcaaa ggaatgattt 1680
101 gagaaaatta ggggaaagg gaaaattaaa agtcatttgg cctccttcca aggagatccc 1740
102 taagaaaacc ttacccttg aggaagagct caaatgagt aaacctaat ggccacctga 1800
103 aatgacaacc ctgctatccc ctgaatttaa aagtgaatct ctgctagaag atgttagaac 1860
104 tccagaaaat aaaggacaaa gacaagatca ctttccattt ttgcagcctt atctacagtc 1920
105 caccatgtt tgcagaaaag aggatgttat aggaatcaaa gaaatgaaa tgccatgaagg 1980
W--> 106 aagaaaagat gaaaagngg aaggaaggaa gaatgtgcaa gataggccga gtgaagctga 2040
107 agacacaaag agtaacagga aaagtgtat ggaacttaat gacaacaata atgtgattgt 2100
108 gcagagtgtc gaaaaggaga aaaatgaaa aactaaccaa actaatggtg cagaagtttt 2160
109 acaggttact aacactgatg atgagatgat gccagaaaat cataaagaaa atttgaataa 2220
110 gaataataat aacaattatg tagcagctc atactctgaat aattgcaggc agaagacatc 2280
111 tatttttagaa tttcttgatc tattaccctt gtcgagtga gcaaatgaca ctgcaaatga 2340
112 atatgaaatt gagaagttag aaaatacatc tagaatctca gagttacttg gtatatattga 2400

*Please explain what residue n represents in 2237.
See error summary sheet, item 9*

RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/909,567A

DATE: 12/12/2001
 TIME: 11:40:36

Input Set : A:\DEX-214.txt
 Output Set: N:\CRF3\12112001\I909567A.raw

```

113 atctgaaaag acttattcga ggaatgtact agcaatggct ctgaagaaac agactgacag 2460
114 agcagctgct ggcagtcctg tgcagcctgc tccaaaacca agcctcagcc agaggcctta 2520
115 tggtaaagg ggaagttca atcatctctc ctgatacaaa tctcttaaac attaaaggaa 2580
116 gccattcaaa gagcaaaaat ttacactttt tcttttctaa caccgtgaaa atcactgcat 2640
117 tttccaagaa aaatgagaac attttcaatt gtgatttaat agattctgta gatcaaatta 2700
118 aaaatatgcc atgcttggat ttaagggaat ttggaaagga tgttaaacct tggcatgttg 2760
119 aaacaacaga agctgcccgc aataatgaaa acacagggtt tgatgctctg agccatgaat 2820
120 gtacagctaa gcctttgttt cccagagtgg aggtgcagtc agaacaactc acggtggaag 2880
121 agcagattaa aagaaacagg tgctacagtg aactgagta aaatatctat ggccactgac 2940
122 agtccacact taggcactga gagatattga tgttctgaaa taagatttta tgaatttgga 3000
123 tacccttttg aggaacttga tgtaaacatg gtgttcagaa atctcgtgtc tatctcaatg 3060
124 ggatatttct tgtattacac cttgtcattt ttttcacaat ttatttacat ctacttttgt 3120
125 ttgaactgga atgaagagat gaaacactat ggatatgttt tccattcaaa tggcacttta 3180
126 gcatattgtt ctgttttctt gtaaaacatc atgggtgtga tttttatact gctgctgctt 3240
127 gtcacaatta ttataacttc tctgtaattt cctctgaaat aaaattgaat cacctgaggt 3300
128 gcaaaccaaa atacttctgt aacttttttt gatataact gtcattctaa gtacatatat 3360
129 tcttctgtgac ttgggaagta tttgtcttga ggcaagtatt taccaccac actaaaataa 3420
130 tgctggaaaa aataaaatac taaactgaag gcacagtatt attagaaagt gtaacatttt 3480
131 cattttctct tttactccac attttaaaga tacgagggtt attgttcttg aaataattac 3540
132 ctatattaaa ttatcataga atgtgtctat aaacatttga cgaaaaatgt tgattttcct 3600
133 ccagaataat gtgaagtcca tactcagaaa ttaactagaa aggtttttaga cattacttaa 3660
134 ataaattatt cacattgcat ttgtattgct tgctctgtgt aatggataag tataacaatc 3720
135 atatcactac agtttgtcag gttttcttct tatcatattt gatgaatatt aagtttttct 3780
136 gttatgaaaa catattcctc taaaatttgg cttctaaatt ttcta 3825
139 <210> SEQ ID NO: 3
140 <211> LENGTH: 2315
141 <212> TYPE: DNA
142 <213> ORGANISM: Homo sapiens
144 <400> SEQUENCE: 3
145 gtaagcagca gttgattaga attaaatgag cttgaatttg attctgacat tcatattgat 60
146 ttgtccttcc ctcaaaaaac accctgagta tggacagggc tccccgactc tgcagactac 120
147 acgccgtcca tgagcagtgcc ccaggtgtca ttacctgccc atgagatgtg acctgggcag 180
148 ggggtccccc ctgtaccctt gggcccccagg agggaagccc agcatgtcag gctgaagcgg 240
149 ggggtgcttc agagatggcc atgcagagca gccctcccgc ctcggttctt gagggcccgc 300
150 tcagtgttcc cccactctg cagaatgtgc acccccagct ctgatgtctc ttccagggtga 360
151 aatccgggtc cccggccgtg ctggcattcg caaaggagaa gtcttttggg tggcccagct 420
152 tcatcacata cacggtcggc gtctcggacc ccgcggtctg cagccaaggg cctctgtcca 480
153 ctaccctgac cttctccagc ccggtgacca accaagccat tgccatccca gtgacagtgg 540
154 cttttgtgat ggatcgccgt gggcccggtc cttatggagc cagcctcttc cagcaattcc 600
155 tggattccta ccaggtcatg ttcttcacgc tcttcgccct gttggctggg acagcggtea 660
156 tgatcatagc ctaccacact gtctgcacgc cccgggatct tgctgtgcct gcagccctca 720
157 cgctcgagc cagccctggg acacagcccc cactatttcg ctgcctcctc acccacatct 780
158 cccaatgcat tgccctctgc tcgcaaaagg agccctccct cagggctgtg gagccaggc 840
159 ctatggcctc ccactagggc cgcgtgaagg ttcccgagg atggggtctc agccgagcct 900
160 cgttgcaacc cccaagatgg aacatccctt getgcattca cactggaaca agccctcca 960
161 gatgagtggc ccggccccag gccagcttca ctgcccgtctc ttcacacaga gctgtagttt 1020
162 cggctctgcc cattagctca ttttatgtag gagtttttaa tgtgtgtttt tttcctttca 1080
163 agtcttacia agctaagact ttttggtcca ttcccttttg catggtgtgc tagggtttct 1140
164 ggacaatgtg ctgttgcat tttattttcc tagccttgct aaaatcttcc ccttctcaag 1200

```

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/909,567A

DATE: 12/12/2001
TIME: 11:40:36

Input Set : A:\DEX-214.txt
Output Set : N:\CRF3\12112001\I909567A.raw

```

165 actttgagca gttagaagtg ctcttttagaa gttgtctgtg ggtgatgtta ctgtagtgg 1260
166 ctcagggaaa ggattgtcca gttacttttag ggggtttttg gtggggtttt tccccctgtg 1320
167 aaaacttact ttgcccctag tctggctgct gctaggactt ctgaggagca atgggacatg 1380
168 agtgtccctg tatctgcgcc actgccgcaa gggaagcctc aggaaccagc acctggaggc 1440
169 caggatagcc aagccctggg tgagcgagag gctggagaac acaggagctc acccagggct 1500
170 gctgcccac catgggccac tgtgaacaga cttcagtcct ctgtttttgt ttcataagcc 1560
171 gttgagacat ctgatggact tggcttaggc cctgctggga catcccacgt gtgatccctt 1620
172 tcactccatc aggacaccag gactgtcctt aggaaaatgt ccttgagatg gcagcaggag 1680
173 tcatattttc tgtgtgtgtg tttcggaag ccgctgtgtc ctgcctcagc acaaagacc 1740
174 agtgtcattt gctcctcctg ttctgtgccc actccagaac ctcagcagat ctgagccacc 1800
175 gcctgccagt gtgagaggcg gccactttca tggcagctca tcaggcgagc ggccccagc 1860
176 agcttcccag caggccctag agcccggcct gggccaatga tggaggcgcg ccgccagccc 1920
177 agggcctgcc catccagaag ggactcccca gggcctgggg gaggagaccc ttggaaaagt 1980
178 cctctcttcc cagctcctga ttctggatct gagattctca gatcacaggc ccctgtgtct 2040
179 caggccgagg ctgggctacc ctcagggaga tccagagact catgcccagc gccatccatg 2100
180 cgtggacgct gtgtggagag tccaggatga cgggatcccg cacaagctcc cttcagtcct 2160
181 tcagggctgg gccatgtggt tgatttttct aaagctggag aaaggaagaa ttgtgccttg 2220
182 catattactt gagcttaaac tgacaacctg gatgtaaata ggagcctttc tactggttta 2280
183 ttttaataaag ttctatgtga tttttaaaaa aaaaa 2315

```

186 <210> SEQ ID NO: 4

187 <211> LENGTH: 300

188 <212> TYPE: DNA

189 <213> ORGANISM: Homo sapiens

191 <220> FEATURE:

192 <221> NAME/KEY: unsure

193 <222> LOCATION: (8)

195 <400> SEQUENCE: 4

W--> 196 agcatganaa aggtgaaggc tgccgggtggc acgggggctcg gatctgctgc cggggccgacc 60
 197 tgggagagcc atgaggctgt atgtgatggg gcacctcttg ggtgcacact ttggatgaca 120
 198 agtgccecca agaggagcca gggctggctg cagtgaggcc ccaggagggt ctccaggggc 180
 199 gtctgtcttc agctcaaggg gctaggaata ggggaaacga tgcagggaag ccaatggccc 240
 200 aagtggctcc ctcactgact gttacttgct gtgtatgtct ctttcttttc ttttttttcc 300

203 <210> SEQ ID NO: 5

204 <211> LENGTH: 4347

205 <212> TYPE: DNA

206 <213> ORGANISM: Homo sapiens

208 <400> SEQUENCE: 5

```

209 gcggtgcggc gccgggaggc ggaggcgagg gtgcgatggc gcggagcccg ggaacgcgct 60
210 acgcccctgt gcttctcctg atctgcttta acgttggaag tggacttcac ttacaggctc 120
211 taagcacaag aatgaaaaat aagctgcttc ctaaaccatcc tcatttagtg cggcaaaagc 180
212 gcgcctggat caccgcccc gtggctcttc gggagggaga ggatctgtcc aagaagaatc 240
213 caattgccaa gatacttct gatcttgcat aagaaagagg actcaaaatt acttacaaat 300
214 acactggaaa agggattaca gagccacctt ttggtatatt tgtctttaac aaagatactg 360
215 gagaactgaa tgttaccagc attcttgatc gagaagaaac accatttttt ctgctaacag 420
216 gttacgcttt ggatgcaaga ggaacaatg tagagaaacc cttagagcta cgcattaagg 480
217 ttcttgatat caatgacaac gaaccagtgt tcacacagga tgtctttgtt gggctgttg 540
218 aagagttgag tgcagcacat actcttgatg tgaataatcaa tgcaacagat gcagatgagc 600
219 ccaataccct gaattcgaaa atttccctata gaatcgtatc tctggagcct gcttctctc 660
220 cagtgttcta cctaaataaa gatacaggag agatttatac aaccagtgtt accttgagac 720

```

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/909,567A

DATE: 12/12/2001

TIME: 11:40:36

Input Set : A:\DEX-214.txt

Output Set : N:\CRF3\12112001\I909567A.raw

```

221 gagaggaaca cagcagctac actttgacag tagaagcaag agatggcaat ggagaagtta 780
222 cagacaaacc tgtaaaacaa gctcaagttc agattcgtat tttggatgtc aatgacaata 840
223 tacctgtagt agaaaataaa gtgcttgaag ggatggttga agaaaatcaa gtcaacgtag 900
224 aagttacgcg cataaaagtg ttcgatgcag atgaaatagg ttctgataat tggctggcaa 960
225 attttacatt tgcatacagga aatgaaggag gttatttcca catagaaaac gatgctcaaa 1020
226 ctaacgaagg aattgtgacc cttattaagg aagtagatta tgaagaaatg aagaatcttg 1080
227 acttcagtgt tattgtcgct aataaagcag cttttcacia gtcgattagg agtaaataca 1140
228 agcctacacc cattcccatc aaggtcaaag tgaaaaatgt gaaagaaggc attcatttta 1200
229 aaagcagcgt catctcaatt tatgttagcg agagcatgga tagatcaagc aaaggccaaa 1260
230 taattggaaa ttttcaagct tttgatgagg acactggact accagcccat gcaagatatg 1320
231 taaaattaga agatagagat aattggatct ctgtggattc tgtcacatct gaaattaaac 1380
232 ttgcaaaact tcttgatttt gaattctagat atgttcaaaa tggcacatac actgtaaaga 1440
233 ttgtggccat atcagaagat tatectagaa aaaccatcac tggcacagtc cttatcaatg 1500
234 ttgaagacat caacgacaaac tgtccacac tgatagagcc tgtgcagaca atctgtcacg 1560
235 atgcagagta tgtgaatggt actgcagagg acctggatgg acacccaaac agtggccctt 1620
236 tcagttttctc cgtcattgac aaaccacctg gcatggcaga aaaatggaaa atagcacgcc 1680
237 aagaaagtac cagtgtgctg ctgcaacaaa gtgagaaaaa gcttgggaga agtgaaattc 1740
238 agttcctgat ttcagacaat cagggtttta gttgtcctga aaagcaggtc cttacactca 1800
239 cagttttgtga gtgtctgcat ggcagcggct gcagggaagc acagcatgac tcctatgttg 1860
240 gcttgggacc cgcagcaatt gcgctcatga ttttggcctt tctgtcctct ctattggtac 1920
241 cactttttact gctgatgtgc cattgcggaa agggcgccaa aggttttacc cccatacctg 1980
242 gcaccataga gatgctgcat ccttggaata atgaaggagc accacctgaa gacaaggttg 2040
243 tgccatcatt tctgccagt gatcaagggg gcagtctagt aggaagaaat ggagtaggag 2100
244 gtatggccaa ggaagccacg atgaaaggaa gtagctctgc ttccattgtc aaagggcaac 2160
245 atgagatgtc cgagatggat ggaaggtggg aagaacacag aagcctgctt tctggtagag 2220
246 ctaccagtt tacaggggcc acaggcgcta tcatgaccac tgaaaccacg aagaccgcaa 2280
247 gggccacagg ggcttccaga gacatggccg gagctcaggc agctgctgtt gcaactgaac 2340
248 aagaattctt aagaaattat ttactgata aagcggcctc ttactctgag gaagatgaaa 2400
249 atcacacagc caaagattgc cttctggttt attctcagga agaaactgaa tctgtgaatg 2460
250 cttctatttg ttgttgcatg tttattgaag gagagctaga tgaccgcttc ttagatgatt 2520
251 tgggacttaa attcaagaca ctagctgaag tttgcctggg tcaaaaaata gatataaata 2580
252 aggaaattga gcagagacaa aaacctgcca cagaaacaag tatgaacaca gcttcacatt 2640
253 cactctgtga gcaaactatg gttaattcag agaataccta ctctctggc agtagcttcc 2700
254 cagttccaaa atctttgcaa gaagccaatg cagagaaagt aactcaggaa atagtcactg 2760
255 aaagatctgt gtcttctagg caggcgcaaa aggtagctac acctcttctt gacccaattg 2820
256 cttctagaaa tgtgatagca acagaaactt cctatgtcac aggttccact atgccaccaa 2880
257 ccaactgtgat cctgggtcct agccagccac agagccttat tgtgacagag aggggtgatg 2940
258 ctccagcttc taccttggta gatcagcctt atgctaatag aggtacagtt gtggtcactg 3000
259 aaagagtaat acagcctcat ggggggtggat cgaatcctct ggaaggcact cagcatcttc 3060
260 aagatgtacc ttacgtcatg gtgagggaaa gagagagctt ccttgcccc agctcagggtg 3120
261 tgcagcctac tctggccatg cctaatatag cagtaggaca gaatgtgaca gtgacagaaa 3180
262 gagttcttag acctgcttcc actctgcaat ccagttacca gattcccact gaaaattcta 3240
263 tgacggctag gaacaccacg gtgtctggag ctggagtccc tggccctctg ccagattttg 3300
264 gtttagagga atctggtcat tetaattcta ccataaccac atcttccacc agagtcacca 3360
265 agcatagcac tgtacagcat tcttactcct aaacagcagt cagccacaaa ctgaccacga 3420
266 gtttaattag cagtactaa tttcatgttt ccaatgtacc tgatttttca tgagccttac 3480
267 agacacacag agacacatac acattgatct taaaattttt ctcagtcact gatatgcaaa 3540
268 ggaccacact gtctctgctt ccaggagtat tttagaaatg ttccacaatt tactgaaagc 3600
269 atagagatga tgctgctgct taggtgcctt ttagcaagct atgcaacaa tcctgataaa 3660

```

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/909,567A

DATE: 12/12/2001

TIME: 11:40:37

Input Set : A:\DEX-214.txt

Output Set: N:\CRF3\12112001\I909567A.raw

L:12 M:270 C: Current Application Number differs, Replaced Application Number
L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:80 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:2
L:80 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:106 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:2
L:106 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:196 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:4
L:196 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:338 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:7
L:338 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7
L:445 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:8
L:445 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:446 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:8
L:446 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:447 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:8
L:447 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:448 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:8
L:448 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:452 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:8
L:452 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:453 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:8
L:453 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:954 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:17
L:954 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17
L:982 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:18
L:982 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18
L:1175 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:19
L:1175 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19
L:1176 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:19
L:1176 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19
L:1177 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:19
L:1177 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19
L:1178 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:19
L:1178 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19
L:1179 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:19
L:1179 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19
L:1180 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:19
L:1180 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19
L:1399 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:22
L:1399 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22
L:1400 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:22
L:1400 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22
L:1401 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:22
L:1401 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22
L:1402 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:22
L:1402 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22
L:1403 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:22
L:1403 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/909,567A

DATE: 12/12/2001

TIME: 11:40:37

Input Set : A:\DEX-214.txt

Output Set: N:\CRF3\12112001\I909567A.raw

L:1404 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:22
L:1404 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22
L:1738 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:38
L:1738 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38